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Funicular Railway: Ill.: Montserrat, Spain, Feb. 13, 1939.
Highways and Roads: Florida Keys Are Keys to Sea Travel by Highway, Apr. 4, 1938.
Old Trade Routes Figure in Battle for Barcelona, Jan. 23, 1939.
First Burma-Yunnan Highway Opens Another Back Door to China, Jan. 23, 1939.
Additional ills.: Buttressing a road near Landeck, Austria, Apr. 4, 1938; Modern highway near Carthaginian ruins, Tunisia, Jan. 9, 1939.
Railroads: Suchow: Target of Tangled Battlelines of Central China, May 2, 1938.
Chinese Railroads Are Japanese Battlefronts, Oct. 3, 1938.
Iran Completes Its First Cross-Country Railroad, Oct. 10, 1938.
Additional ills.: South Manchuria Railway waiting room, Dairen, Mar. 21, 1938; Underground tracks, New York City, May 9, 1938; Suez Railroad, Egypt, Nov. 28, 1938; B. & O. Railroad, Maryland, Dec. 12, 1938.
Street cars: Ills.: Shanghai, China, Oct. 17, 1938; Manouba, Tunisia, Jan. 9, 1939.
Trains: Oxford and Cambridge Linked by Streamliner, 2 ills., Nov. 21, 1938.
Additional ills.: Diesel locomotive, May 2, 1938; Freight train, New York City, May 2, 1938; New England snow train, Oct. 10, 1938; Train used on Fairchild expedition, Surinam, Jan. 23, 1939.

COMMERCE AND INDUSTRY

General: With Substitute Products, Germany Edges toward Self-Sufficiency, Oct. 31, 1938.
China's "Open Door" Anxiously Eyed by Customer Nations, Nov. 28, 1938.
Agriculture: Wheat: The Most Strategic Grass, 2 ills., Oct. 3, 1938.
The "Land-Poor" Rich Land of the South, 3 ills., Oct. 17, 1938.
Additional ills.: Stacking hay, Austria, Mar. 21, 1938; Irrigation method, California, Mar. 28, 1938; Taro field, Rapa Island, Mar. 28, 1938; Cutting wheat, China, May 2, 1938; Harvesting flax, Czechoslovakia, Oct. 24, 1938; Rice farming, China, Nov. 7, 1938; Fruit orchard, Chile, Jan. 30, 1939.
Amber: Ill.: Jewelry, Lithuania, Nov. 14, 1938.
Blacksmith Shop: Ill.: Traveling blacksmith, Burma Province, India, Jan. 23, 1939.
Cocoa: The Gold Coast, Where Cocoa Is a Gold Substitute, Mar. 7, 1938.
Copra: Ill.: Sun-drying coconut meat, Guam, Jan. 30, 1939.
Cotton: The "Land-Poor" Rich Land of the South, 3 ills., Oct. 17, 1938.
Dairy Products: Ill.: Latvia, Dec. 12, 1938.
Exhibitions: Glasgow To Be Site of 1938 Empire Exhibition, Feb. 14, 1938.
Fish and Fishing: Offshore Oil Prospecting Endangers Oyster Beds, 2 ills., Mar. 21, 1938.
Alaska's Wealth Now Recognized among Sea Treasures, May 9, 1938.
The Humble Herring Has New Fisherman's Luck, 2 ills., Dec. 19, 1938.
Flax: Ill.: Harvesting flax, Czechoslovakia, Oct. 24, 1938.
Food: The World Pours Food into London Port, 2 ills., Mar. 14, 1938.
Taro, The Elephant-Eared "Polynesian Potato," Mar. 28, 1938.
Additional ills.: Rolls and coffee in Vienna café, Apr. 4, 1938; Wienerwurst stand, Prague, Czechoslovakia, Oct. 3, 1938; Moslem pilgrim drinking tea, Nov. 14, 1938; Indian cooking corn cakes, Pueblo Bonito, New Mexico, Nov. 28, 1938; Desert soldiers drinking tea, Libia, Dec. 19, 1938.
Fruit: Pineapple: Globe-Trotting Fruit from America, Nov. 7, 1938.
Jaffa, Holy Land Home of Fruit and Fish Stories, Nov. 21, 1938.
Use Found for Uncle Sam's Surplus Prune Crop, Jan. 30, 1939.
Additional ills.: Export apples, Virginia, Oct. 17, 1938; Grapes, Hungary, Oct. 24, 1938; Tropical fruits, Bogotá, Colombia, Oct. 24, 1938; Donkey-back stock of fruit, Lima, Peru, Dec. 5, 1938; Breadfruit, St. Lucia, Dec. 19, 1938.
Imports and Exports: The World Pours Food into London Port, 2 ills., Mar. 14, 1938.
Alaska's Wealth Now Recognized among Sea Treasures, May 9, 1938.
China's "Open Door" Anxiously Eyed by Customer Nations, Nov. 28, 1938.
Additional ills.: Export apples, Virginia, Oct. 17, 1938; Export dairy products, Latvia, Dec. 12, 1938.
Ivory: Ill.: Imported elephant tusks, London, Mar. 14, 1938.
Lighthouses: Lighthouse Flashes over Scene of Dark Tragedies in Phoenix Isles, 2 ills., Oct. 31, 1938.
Linen: Ill.: Bleaching linen strips, Ulster, Ireland, Feb. 28, 1938.
Manganese: Manganese Puts Sinews in Steel, 2 ills., May 9, 1938.
Markets and Venders: Ills.: Market, Zanzibar, Feb. 21, 1938; Market day, Baguio, Philippines, Mar. 21, 1938; Child venders, Mexico, Apr. 25, 1938; Market place, Tunisia, May 2, 1938; Wienerwurst street stand, Prague, Czechoslovakia, Oct. 3, 1938; Fruit stall, Bogotá, Colombia, Oct. 24, 1938; Flower vender, Saarbrucken, Germany, Oct. 31, 1938.
Mines and Mining: Gold Rush Follows Cold Rush to Baguio in the Philippines, Mar. 21, 1938.
Oil and Silver, Mexico's "Double Trouble" Twins, 3 ills., Apr. 25, 1938.
Teschen, Czech-Pole Problem Child, Is Little District with Big Mines, Oct. 17, 1938.
Additional ills.: Lead and zinc mine, Wisconsin, Oct. 10, 1938; Salt mine, Czechoslovakia, Jan. 30, 1939.
Oil: Oil and Silver, Mexico's "Double Trouble" Twins, 3 ills., Apr. 25, 1938.
Oysters: Offshore Oil Prospecting Endangers Oyster Beds, 2 ills., Mar. 21, 1938.
Ports and Harbors: Matarani: Custom-Made Port for Southern Peru, 2 ills., Feb. 28, 1938.
Mazatlán Has Strategic Importance as Well as Beauty, Mar. 14, 1938.
The World Pours Food into London Port, 2 ills., Mar. 14, 1938.
Jaffa, Holy Land Home of Fruit and Fish Stories, Nov. 21, 1938.
Fire Sears Marseille, Second City of France, Dec. 12, 1938.
Additional ills.: Belfast, Ireland, Feb. 28, 1938; Masqat, Oman, Mar. 28, 1938; Puerto Rico, Oct. 10, 1938; Hong Kong, Nov. 28, 1938; Portoferraio, Elba, Nov. 28, 1938; Istanbul, Turkey, Dec. 5, 1938.
Pottery: Ills.: Native pottery, Mexico, Apr. 25, 1938; Jugs in market place, Tunisia, May 2, 1938.
Rice: Charleston, Where Southern Rice Planters' Culture Flourished, Oct. 24, 1938.
Rug-Making: Hittite Ruins and Rug-Making Mark Turkish Earthquake Area, Jan. 16, 1939.
Salt: Ills.: Obtaining salt from brine well, China, Nov. 14, 1938; Salt mine, Czechoslovakia, Jan. 30, 1939.
Silk: A Silk Thread Links American Worker to Oriental Worm, Feb. 21, 1938.
Silver: Oil and Silver, Mexico's "Double Trouble" Twins, 3 ills., Apr. 25, 1938.
Additional ill.: Paul Revere at his silver work, Oct. 10, 1938.
Steel: Manganese Puts Sinews in Steel, 2 ills., May 9, 1938.
Tea: Tea Time in England Is Reckoned in Centuries, 2 ills., Feb. 6, 1939.
Additional ill.: Bales of brick tea, Sikang Province, China, Feb. 6, 1939.

Earthquakes: Hittite Ruins and Rug-Making Mark Turkish Earthquake Area, Jan. 16, 1939.
Floods: Southern California Flood Washes Famous Place Names into News, Mar. 28, 1938.
Glaciers: World's Largest Non-Polar Icecap Found in Alaska, 1 map, Oct. 3, 1938.
Ice Floes: Men on Ice for Nine Months: Russians' Polar Camp Record, 2 ills., Mar. 14, 1938.
World's Largest Non-Polar Icecap Found in Alaska, 1 map, Oct. 3, 1938.
Keys: Florida Keys Are Keys to Sea Travel by Highway, Apr. 4, 1938.
Lakes: Ills.: Lake Tanganyika, Dec. 12, 1938; Youngning Lake, China, Feb. 6, 1939.
Mountains: St. Bernard Pass Guarded by "Travelers Aid" of Monks and Dogs, Feb. 28, 1938.
Additional ills.: Wasatch Range, Utah, Mar. 7, 1938; Austrian Tyrol, Apr. 4, 1938; Mountains at Pachuca, Mexico, Apr. 25, 1938; Sierra Nevada, Yosemite National Park, California, May 2, 1938; Krkonose range of Sudeten Mountains, Germany, Oct. 24, 1938; Montserrat, Spain, Jan. 23 and Feb. 13, 1939; Mountain gorge, Sikang Province, China, Feb. 6, 1939.
Rivers: Niagara Falls, Famous for Ice as Well as Water, 2 ills., Feb. 14, 1938.
The Potomac River, Where North Meets South, 2 ills., Feb. 14, 1938.
The Ebro Valley—Hard-Fought Spanish Front, Nov. 28, 1938.
Additional ill.: Potomac, Maryland, Dec. 12, 1938.
Storms: Landmarks Fall before Record New England Storm, 3 ills., Oct. 10, 1938.
Waterfalls: Niagara Falls, Famous for Ice as Well as Water, 2 ills., Feb. 14, 1938.
Additional ill.: Nevada and Vernal Falls, Yosemite National Park, California, May 2, 1938.

POPULAR SCIENCE

Aeronautics: Balloons Joined the Army Years Ago, Feb. 21, 1938.
Scientists Seek Comforts of Home for Sub-Stratosphere Flying, Feb. 13, 1939.
See also *Aviation* (*Transportation*).
Engineering: Significant Engineering Projects Completed in 1938, Jan. 16, 1939.
Additional ill.: Power plant, Lérida Province, Spain, Apr. 25, 1938.
Machinery, Instruments, etc.: The Diesel Engine Looms Large on the Power Horizon, 2 ills., May 2, 1938.
Additional ills.: Double-faced clock at Monticello, Virginia, Feb. 28, 1938; Bessemer steel converter, May 9, 1938; Threshing machine, Kansas, Oct. 3, 1938; Cotton compress, Clarksville, Mississippi, Oct. 17, 1938; Sewing machine, Latvia, Dec. 12, 1938; Microscopes, National Geographic Society headquarters, Jan. 9, 1939; Fairchild aerial survey camera, Jan. 16, 1939; Apparatus used in testing stratosphere air, Washington, D. C., Feb. 13, 1939.
Medicine: Ill.: Children receiving dental attention, Tristan da Cunha, Jan. 30, 1939.
Meteorology: Landmarks Fall before Record New England Storm, 3 ills., Oct. 10, 1938.
Scientists Seek Comforts of Home for Sub-Stratosphere Flying, Feb. 13, 1939.
Photography: South African Expedition Films Rare Wild Life, 2 ills., Apr. 11, 1938.
Another Job for the Aerial Camera, Apr. 11, 1938.
Additional ill.: Fairchild aerial survey camera, Jan. 16, 1939.
Telephone: Telephoning in England Is Different, Jan. 9, 1939.

Photograph by E. Kelen from European

BARCELONA'S PUBLIC SCRIBES WORK IN SEMI-PRIVACY

Curtained booths along the street give partial protection, although Escriterio No. 3 seems to be exposed to a little coaching from the sidelines. Illiteracy in Barcelona and the rest of Spain has decreased rapidly within the past decade. But the old Spanish custom of dictating letters to a public scribe survives here and in other countries, such as Mexico and Cuba (See Bulletin No. 1).

UMI

Houses— *Continued* Mar. 28, 1938; Mud house, Kano, Nigeria, Apr. 4, 1938; Rufus Putnam house, Marietta, Ohio, Apr. 11, 1938; Miniatures of Lincoln's birthplace, Kentucky, Oct. 17, 1938; Plantation home, Charleston, South Carolina, Oct. 24, 1938; Stone house with tiled roof, Les Saintes Maries de la Mer, France, Nov. 21, 1938; Navajo hogan, Pueblo Bonito, New Mexico, Nov. 28, 1938; Thatched house on stilts, Sulu Archipelago, Jan. 9, 1939; Stone house with thatch roof, Tristan de Cunha, Jan. 30, 1939.
Indians: Indians Again Repair Pueblo Bonito, Prehistoric Ghost Town, 3 ills., Nov. 28, 1938.
Revival of Inca Empire Proposed, Jan. 9, 1939.
Additional ills.: Chippewa chief, Michigan, Feb. 21, 1938; Tarascans in graveyard ceremony, Pátzcuaro, Mexico, Dec. 19, 1938; Aymará, La Paz, Bolivia, Jan. 23, 1939.
Inns: Ills.: Ship Inn, Porlock, England, Nov. 14, 1938; Old-fashioned inn, Maryland, Dec. 12, 1938.
Languages: Ill.: Old and new Turkish lettering, Istanbul, Dec. 5, 1938.
Monasteries: Ill.: Montserrat, Spain, Feb. 13, 1939.
Museums and Libraries: The Trocadero, Paris Museum, Collects European Folk Art, Mar. 28, 1938.
N. E. A.'s Big Convention in Little Old New York, 2 ills., May 9, 1938.
Additional ill.: Campus Martius Museum, Marietta, Ohio, Apr. 11, 1938.
Music: Verdi Transposed Geography into Many Musical Keys, Oct. 24, 1938.
Additional ills.: Scotch highlander's bagpipes, Feb. 14, 1938; *Belimbau-tuyan*, Guam, Jan. 30, 1939.
National Geographic Society: Roll Call of American Birds in The Society's Explorers' Hall, Feb. 14, 1938.
Pacific Isles, Canton and Enderbury, Become Wards of Uncle Sam, 2 ills., 1 map, Mar. 28, 1938.
South African Expedition Films Rare Wild Life, 2 ills., Apr. 11, 1938.
World's Largest Non-Polar Icecap Found in Alaska, 1 map, Oct. 3, 1938.
Lighthouse Flashes over Scene of Dark Tragedies in Phoenix Isles, 2 ills., Oct. 31, 1938.
5,000 Eggs in Two Pill Boxes Bring Mosquito Biography to Art, Jan. 9, 1939.
Scientists Seek Comforts of Home for Sub-Stratosphere Flying, Feb. 13, 1939.
National Parks and Monuments: John Muir's Scots Thrift Saved National Parks and Forests, 2 ills., May 2, 1938.
Fort Raleigh on Roanoke Island Deeded to United States, Nov. 7, 1938.
Albert National Park, Paradise for the Naturalist, 2 ills., Nov. 21, 1938.
Indians Again Repair Pueblo Bonito, Prehistoric Ghost Town, 3 ills., Nov. 28, 1938.
Races and Tribes: War over Wives Touches Darwin, Australia, Mar. 14, 1938.
Czechoslovakia Is a Land of Many Minorities, Oct. 10, 1938.
Trouble in India's Border Realms, on "Wee Willie Winkie's" Frontier, Oct. 31, 1938.
Slovakia: Eastern Half of Czechoslovakia's Realm and Name, 2 ills., Oct. 31, 1938.
Sulu Archipelago: Domain of Uncle Sam's Only Mohammedan Sultan, Jan. 9, 1939.
Additional ills.: Native chief and wife, Formosa, Mar. 14, 1938; Igorot natives, Baguio, Philippines, Mar. 21, 1938; Congo woman, Nov. 21, 1938.
See also *Eskimos*, *Gypsies*, and *Indians*.
Religion: Jerusalem Really Two Cities in One, 2 ills., Nov. 7, 1938.
"Moslem World" Includes One of Every Ten Persons on Earth, 3 ills., Nov. 14, 1938.
Resorts: Ills.: Coney Island Beach, New York, May 9, 1938; Spindleruv Mlyn, Germany, Oct. 24, 1938.
Sports, Games, and Dances: The Sokol, National Olympic of Czechoslovakia, May 9, 1938.
Jai Alai, "Fastest Indoor Sport," Wins New Followers, Oct. 17, 1938.
"A-Hunting We Will Go" Around the World, Dec. 5, 1938.
Modern "Football Bowls" Are Survivals from Ancient Stadia, 2 ills., Jan. 23, 1939.
Additional ills.: Canoeing on Potomac River, Feb. 14, 1938; Maypole dance, Ickwell, England, Oct. 3, 1938; Skiers on snow train, New England, Oct. 10, 1938; Oxford students on walking tour, Nov. 21, 1938; Street dancers, Djibouti, French Somaliland, Jan. 16, 1939.
Statues and Monuments: Ills.: Statue of Zebulon Baird Vance, Raleigh, North Carolina, Mar. 7, 1938; Lion emblem of Czechoslovakian nation, Oct. 10, 1938; Stone cross of the wandering saints, Les Saintes Maries de la Mer, France, Nov. 21, 1938.
Weapons: Ills.: Weapon of Formosa chief, Mar. 14, 1938; Spears of Australian warriors, Mar. 14, 1938; Chinese soldiers' rifles, Oct. 3, 1938; Knives, swords, and rifles of Afridi tribesmen, Oct. 31, 1938; Desert soldiers' guns, Libia, Dec. 19, 1938.

NATURAL HISTORY

Birds: Roll Call of American Birds in The Society's Explorers' Hall, Feb. 14, 1938.
South African Expedition Films Rare Wild Life, 2 ills., Apr. 11, 1938.
The Penguin Is a Paradox of the Animal Kingdom, Apr. 25, 1938.
Canary Bird: That Handful of Singing Sunshine, Jan. 16, 1939.
Additional ills.: Bird colony, Enderbury Island, Mar. 28, 1938; Canaries tested for ventilation of bomb-proof shelter, Brussels, Oct. 17, 1938; Man-o'-war bird, Canton Island, Oct. 31, 1938.
Crustaceans: Ill.: Hermit crabs, Canton Island, Oct. 31, 1938.
Flowers: Tulip Time in The Netherlands, 2 ills., Apr. 11, 1938.
Thanksgiving Season "Says It" with Chrysanthemums, Nov. 21, 1938.
Insects: A Silk Thread Links American Worker to Oriental Worm, Feb. 21, 1938.
5,000 Eggs in Two Pill Boxes Bring Mosquito Biography to Artist, Jan. 9, 1939.
Mammals: St. Bernard Pass Guarded by "Travelers Aid" of Monks and Dogs, Feb. 28, 1938.
South African Expedition Films Rare Wild Life, 2 ills., Apr. 11, 1938.
Albert National Park, Paradise for the Naturalist, 2 ills., Nov. 21, 1938.
"A-Hunting We Will Go" Around the World, Dec. 5, 1938.
Ground Hog Leads Procession of Weather's False Prophets, Jan. 30, 1939.
Monkeys' "Pranceful Bands" Take Over Santiago Island, 2 ills., Feb. 13, 1939.
Additional ills.: Water buffalo, Hainan Island, China, Feb. 14, 1938; Dog mascot of expedition, Enderbury Island, Mar. 28, 1938; Bears, California, May 2, 1938; Camels, donkeys, and goats, Bethlehem, Oct. 31, 1938; Dugong, Australia, Dec. 5, 1938; Camel, Libian desert, Dec. 19, 1938; Llamas, Peru, Jan. 9, 1939; White wolf, Greenland, Jan. 16, 1939; Cattle, Vermont, Feb. 6, 1939.
Mollusks: Offshore Oil Prospecting Endangers Oyster Beds, 2 ills., Mar. 21, 1938.
Plants: Odd Plants Rival Freaks of Animal World, Feb. 28, 1938.
Taro, The Elephant-Eared "Polynesian Potato," Mar. 28, 1938.
Additional ill.: Tree-ferns, Australia, Feb. 6, 1939.
Reptiles: Ill.: Bearded lizard, Melville Island, Australia, Dec. 5, 1938.
Trees: John Muir's Scots Thrift Saved National Parks and Forests, 2 ills., May 2, 1938.
Additional ills.: Cacao tree, Mar. 7, 1938; Live oak, Charleston, South Carolina, Oct. 24, 1938; Mauritia palm, British Guiana, Dec. 12, 1938; Leaves of *Cocoloba pubescens*, St. Lucia, Dec. 19, 1938; Breadfruit, St. Lucia, Dec. 19, 1938; Eucalyptus, Australia, Feb. 6, 1939.

PHYSICAL GEOGRAPHY

Boundaries: Ancient Lithuania Smolders about Modern Boundaries, 2 ills., Apr. 4, 1938.
Sudetens, Bone of Contention Between Czechoslovakia and Germany, 2 ills., Oct. 3, 1938.
Teschen, Czech-Pole Problem Child, Is Little District with Big Mines, Oct. 17, 1938.
Gran Chaco Peace More Than Doubles Area of Paraguay, Nov. 14, 1938.
1938 Brought Most Sweeping Map Changes in Two Decades, 2 ills., Jan. 23, 1939.
Border Struggle Marks Carpatho-Ukraine as Another Trouble Spot, Jan. 30, 1939.
Coral Rock: Ill.: Enderbury Island, Mar. 28, 1938.
Deserts: Ill.: Oasis in Libian Desert, Dec. 19, 1938.